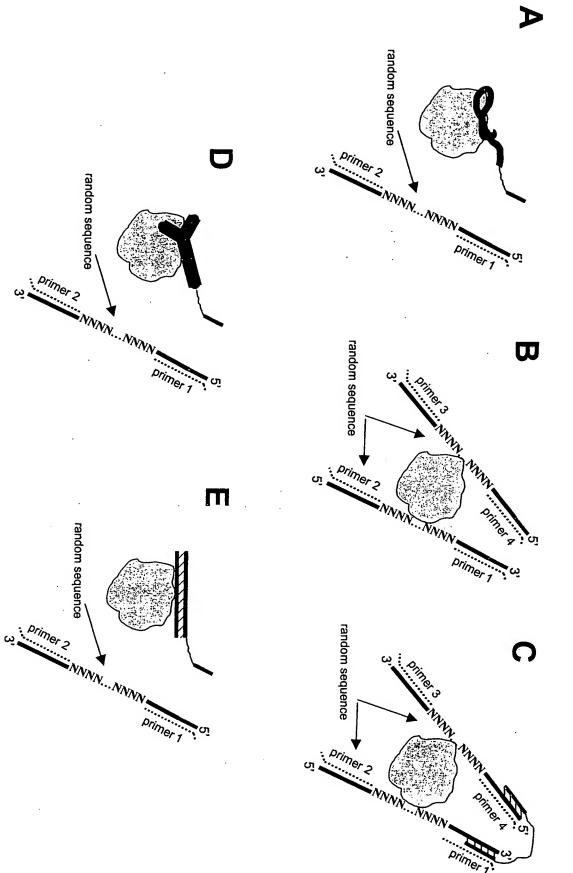
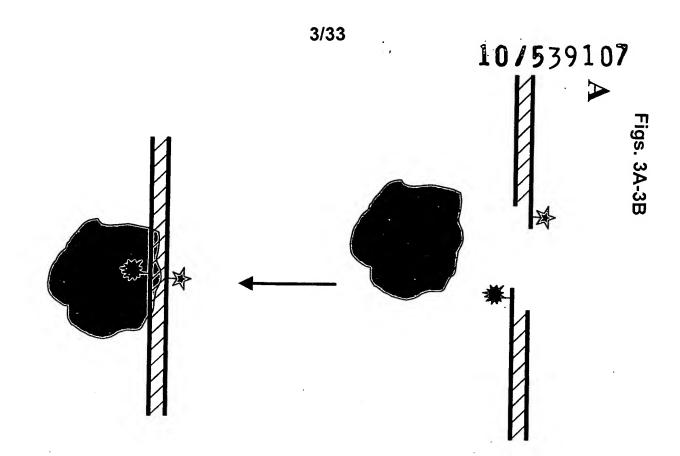
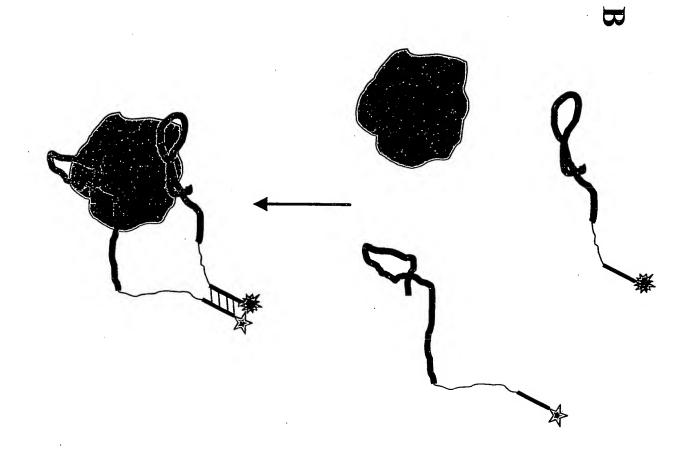


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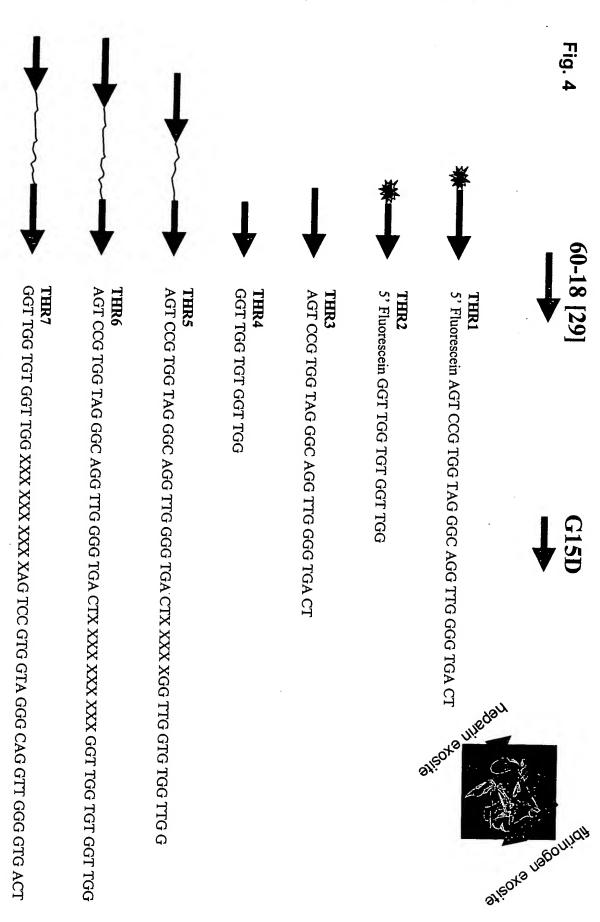
Figs. 2A-2E



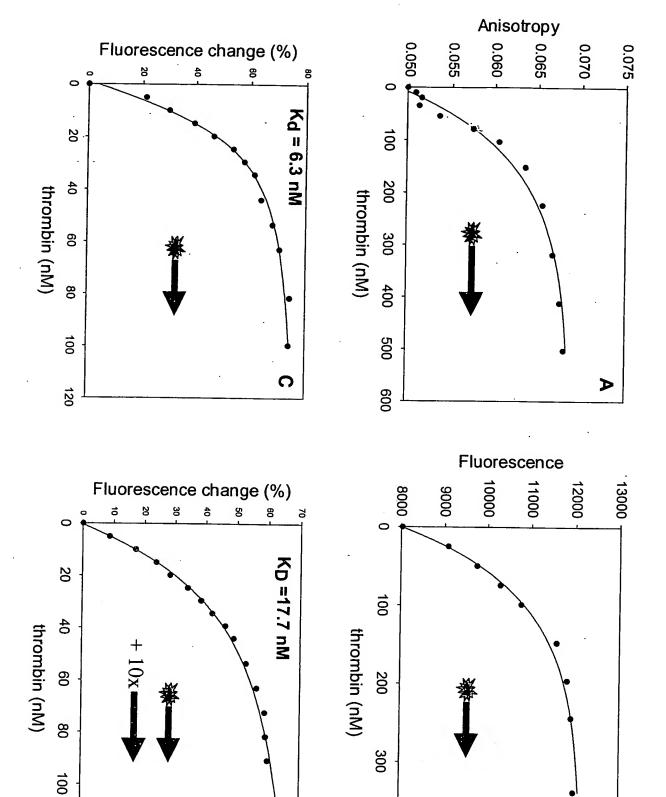




X = Spacer 18



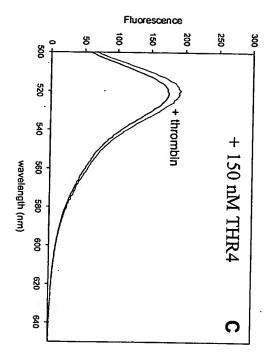
Figs. 5A-5D

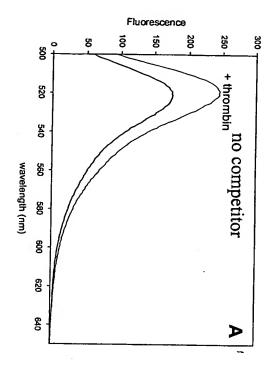


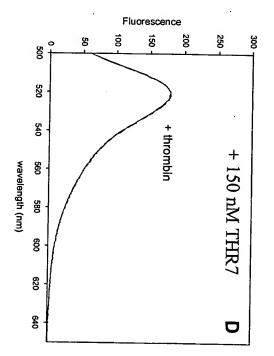
400

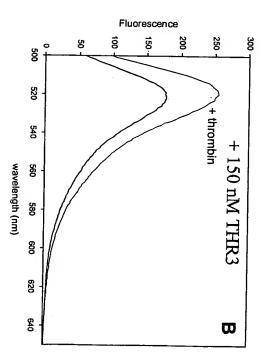
120



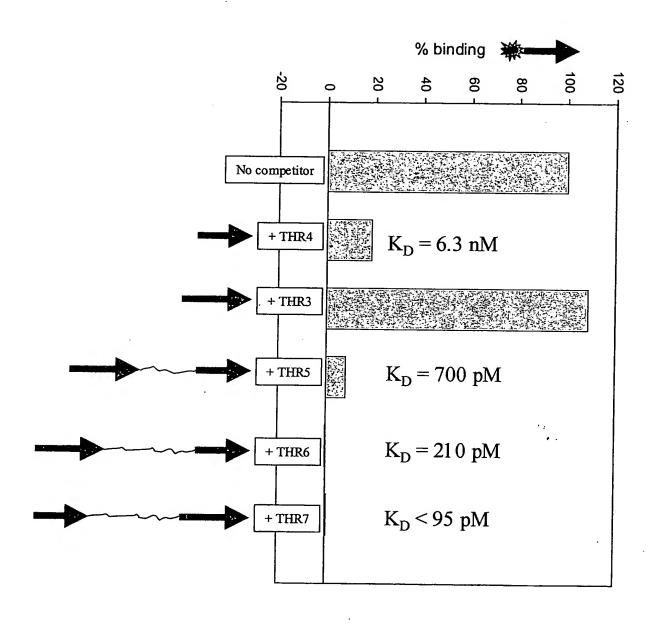


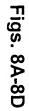


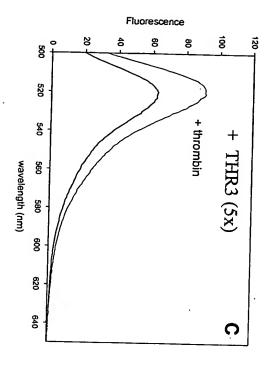


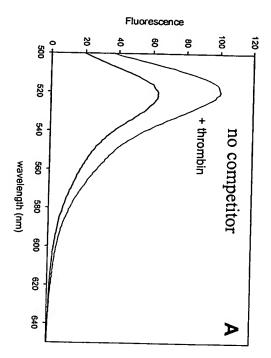


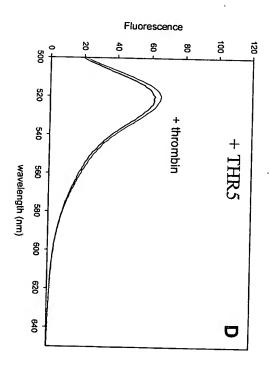


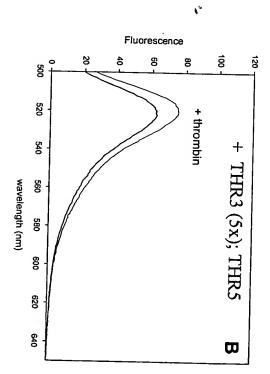


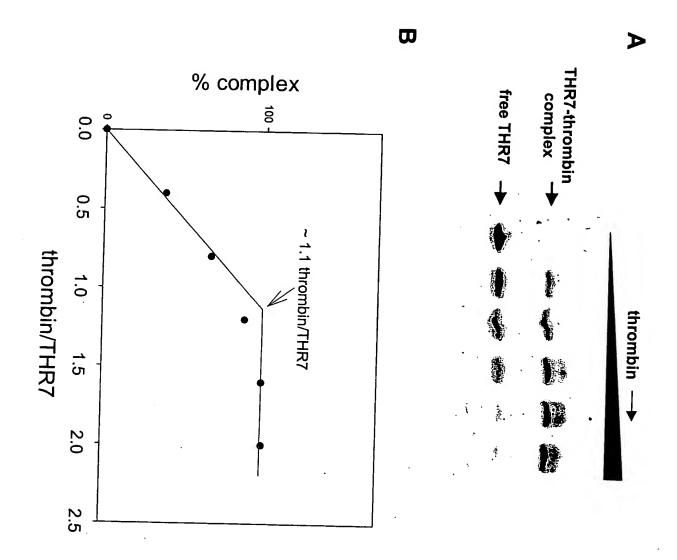


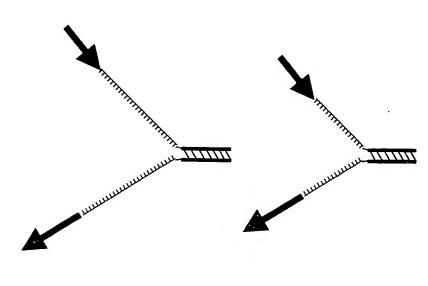












AAC CTT CAC TAA CGA CAG

TIT TIT T CTG TCG TTA GTG AAG GTT

TIT TIT T AGT CCG TGG TAG GGC

AGG TTG GGG TGA CT

60-18 [29]

GGT TGG TGT GGT TGG THR14

TAG GGC AGG TTG GGG TGA CT AAC CTT CAC TAA CGA CAG THR17

AAG GTT

GGT TGG TGT GGT TGG

TIT TIT TIT TIT IT CTG TCG TTA GTG

TIT TIT TIT TIT TIT AGT CCG TGG

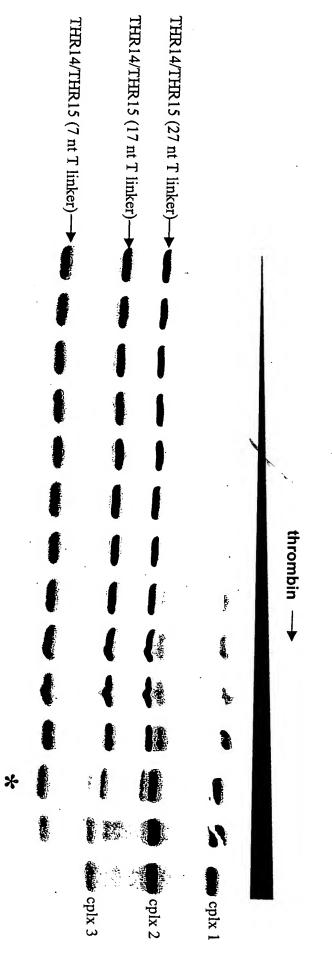
THR₁₆

THR₁₈

GGT TGG TGT GGT TGG TTA GTG AAG GTT TIT TIT TIT TIT TIT TIT TIT TIT TTT CTG TCG

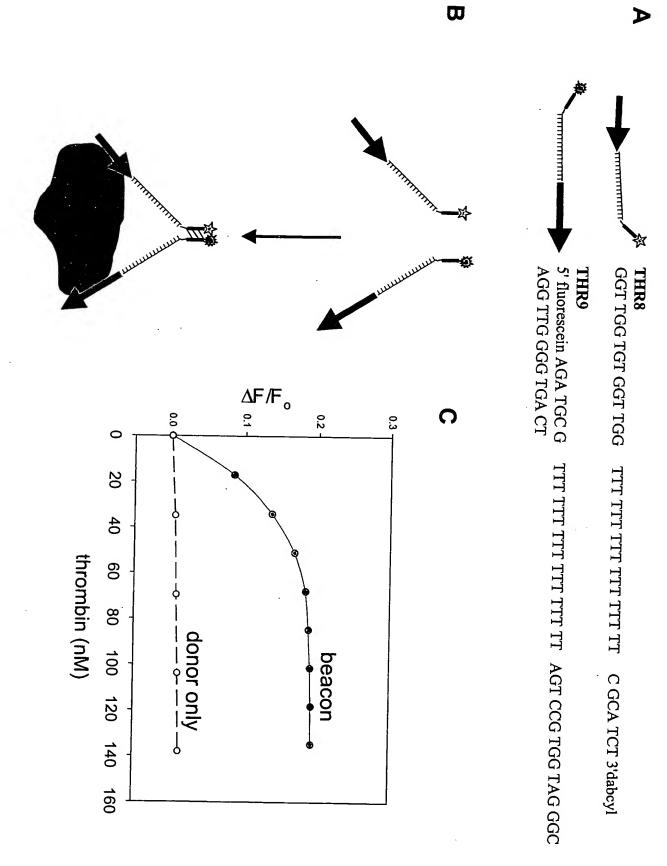
THR19

CCG TGG TAG GGC AGG TTG GGG TGA CT AAC CTT CAC TAA CGA CAG TTT TTT TTT TTT TTT TTT TTT TTT TTT AGT



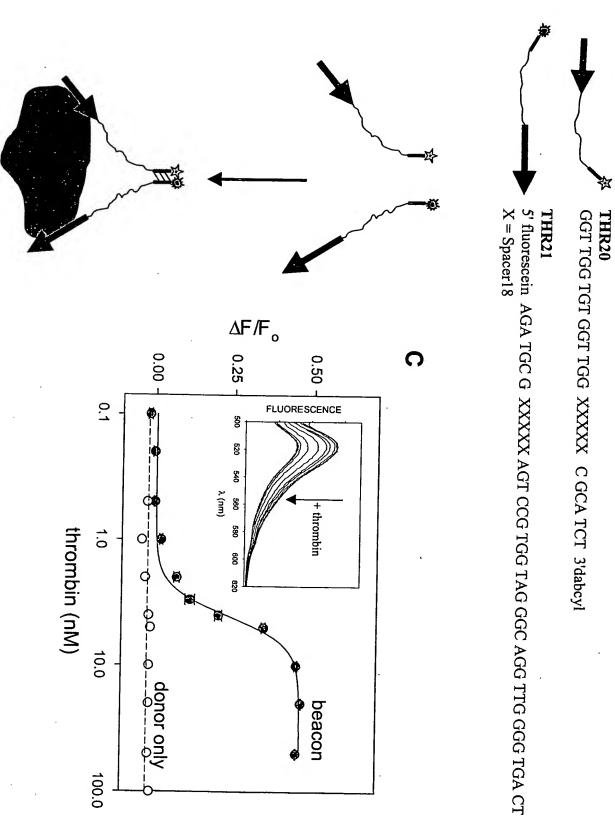
11/33

Figs. 12A-12C



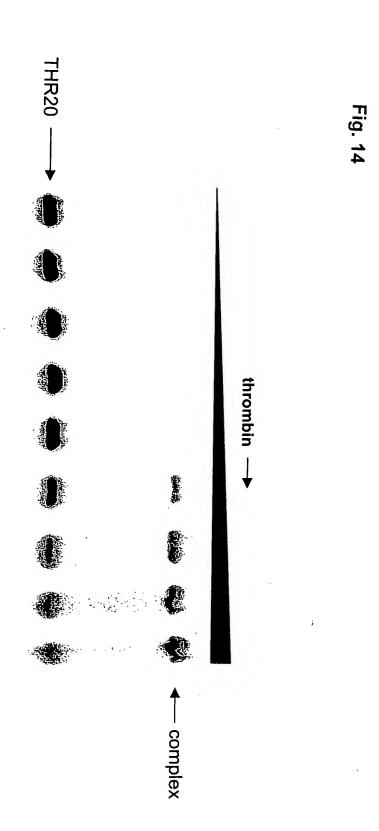
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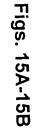
Figs. 13A-13C

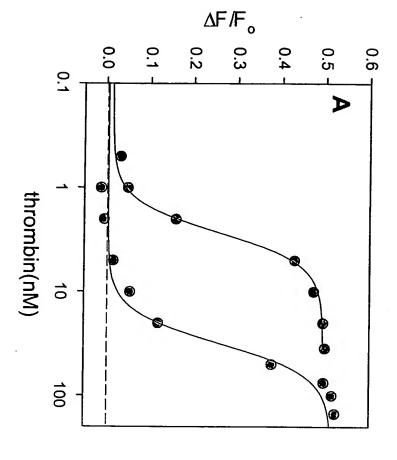


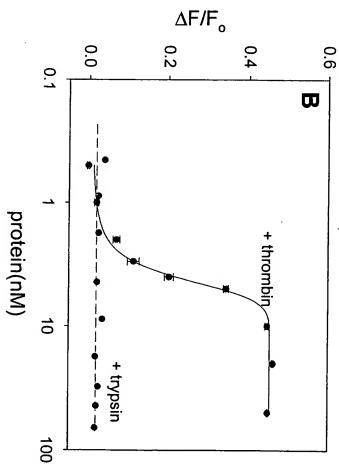
beacon

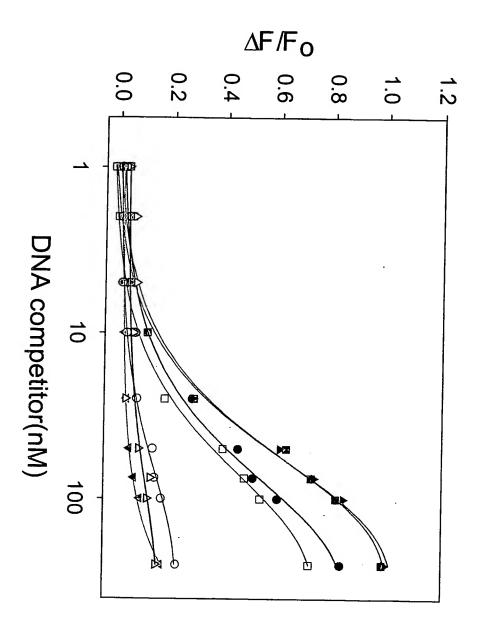
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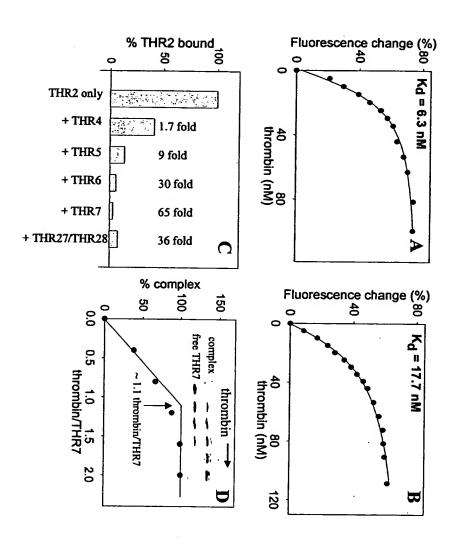


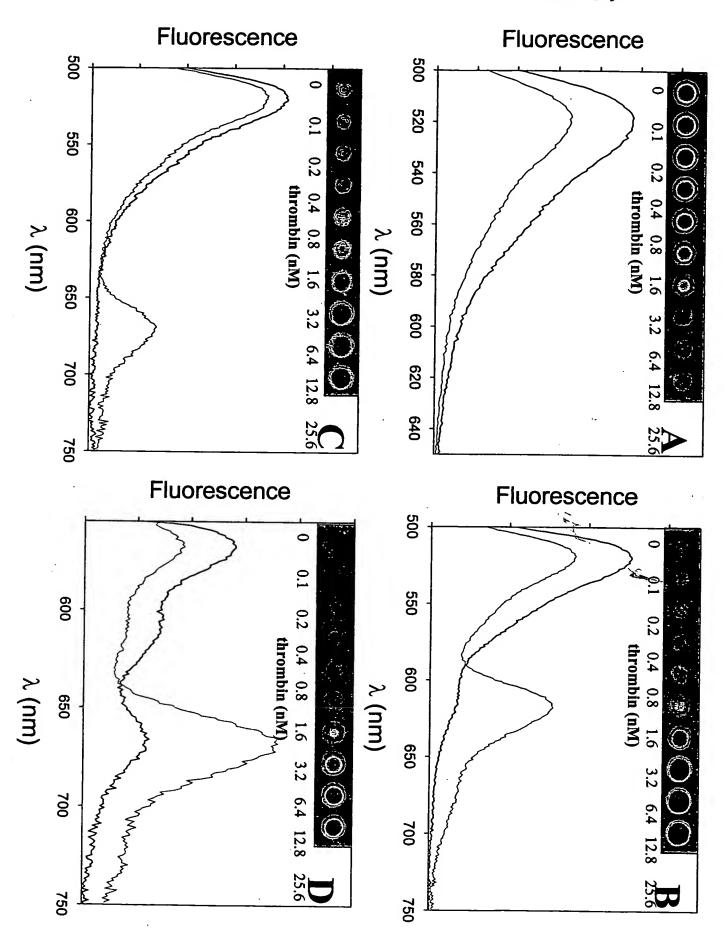


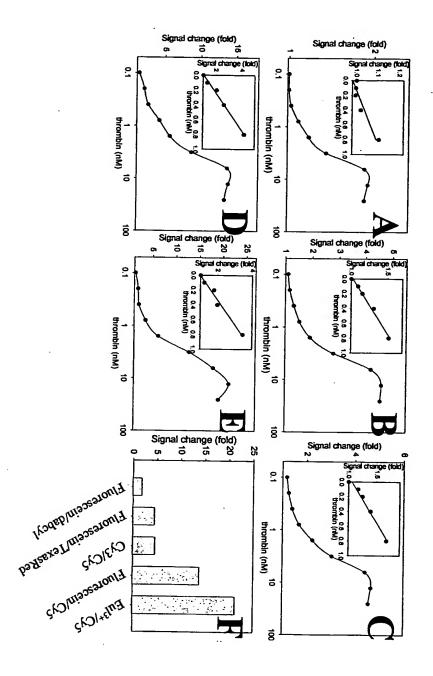


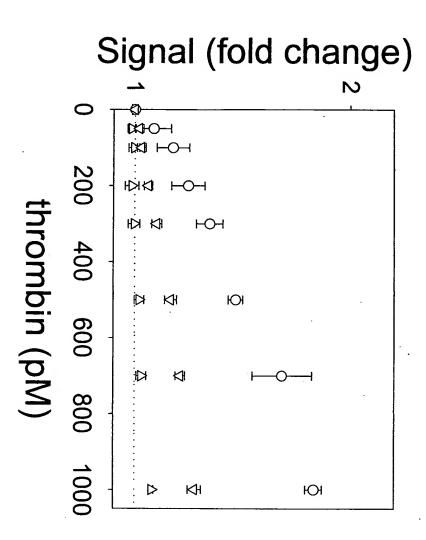
ig. 16

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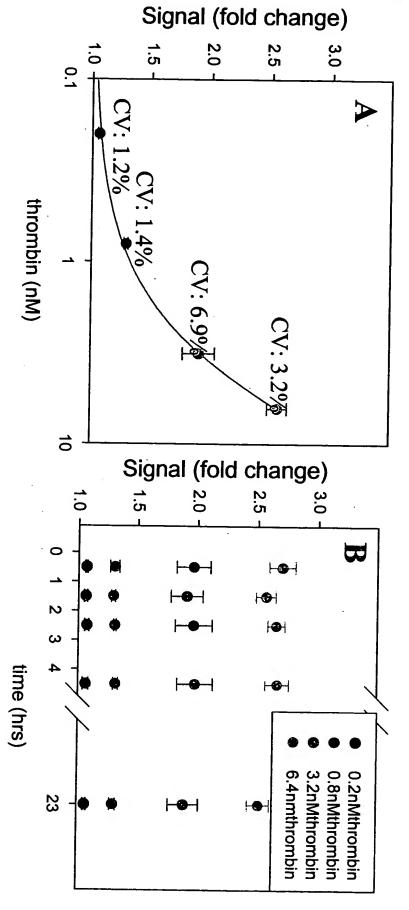


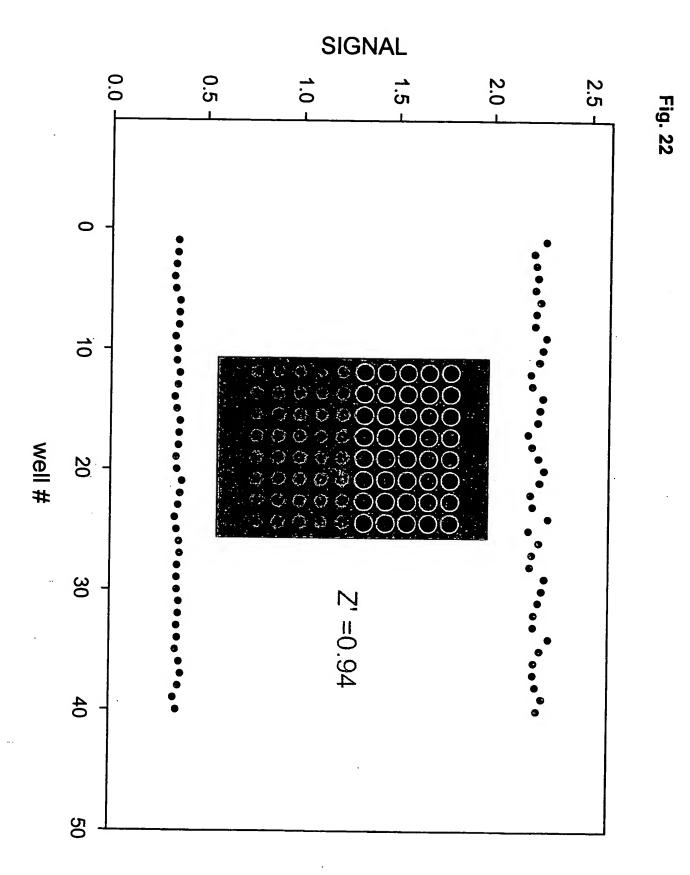




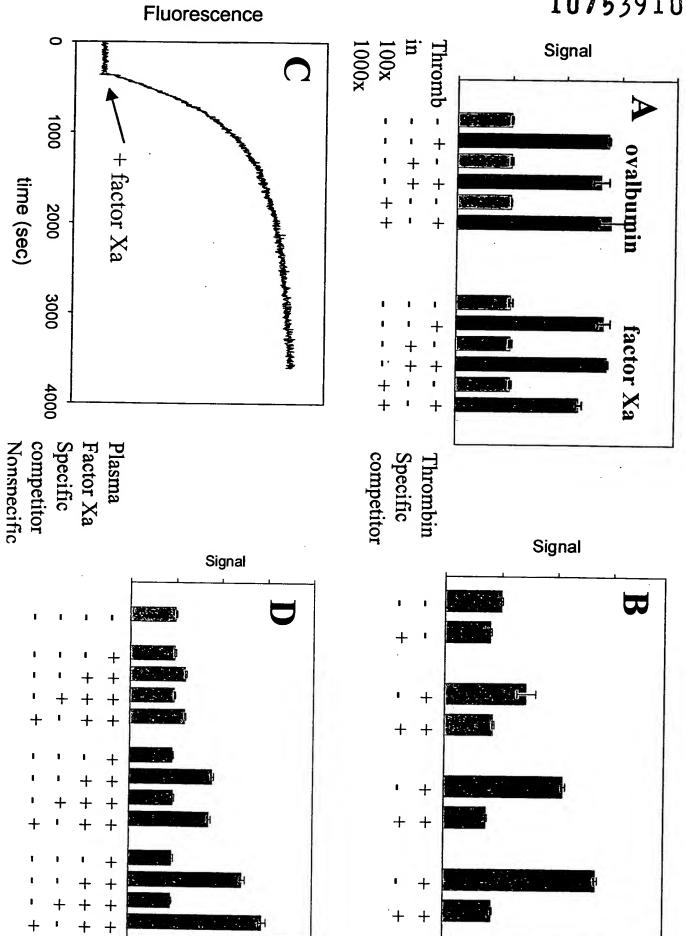


Figs. 21A-21B

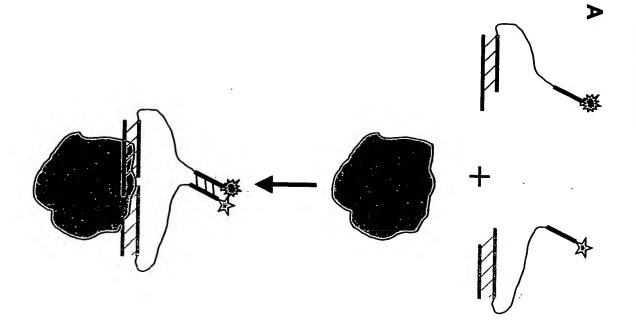


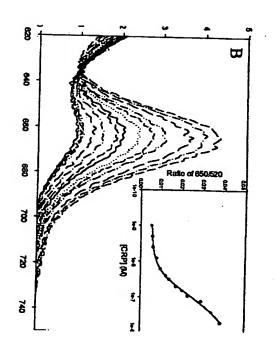


Figs. 23A-23D

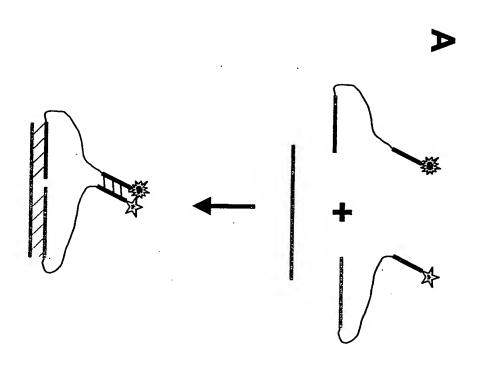


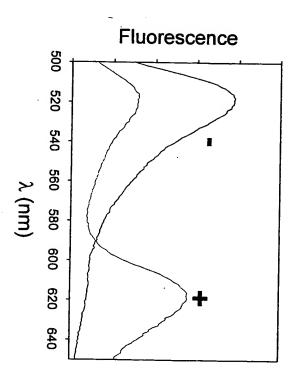


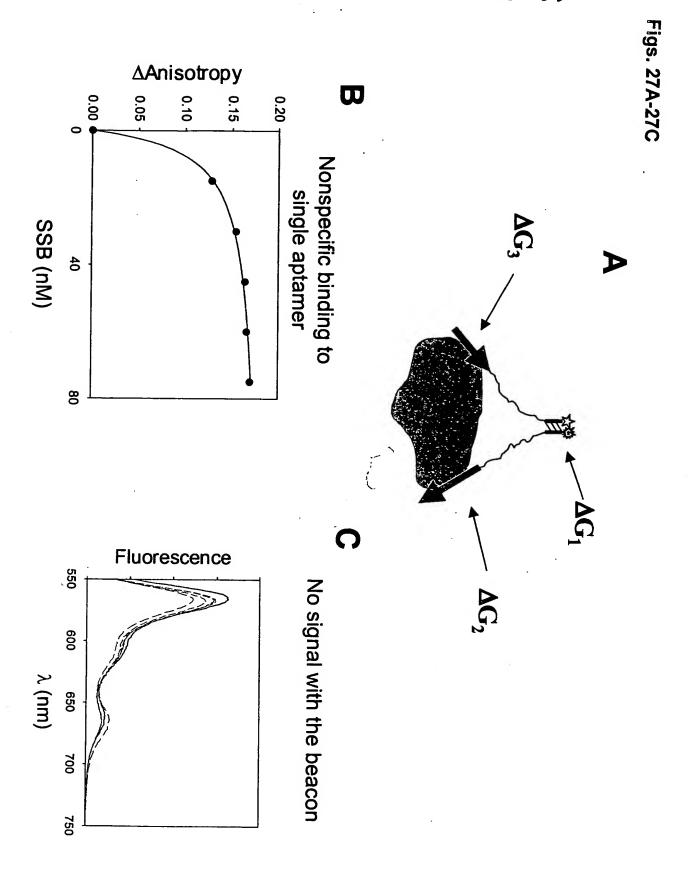


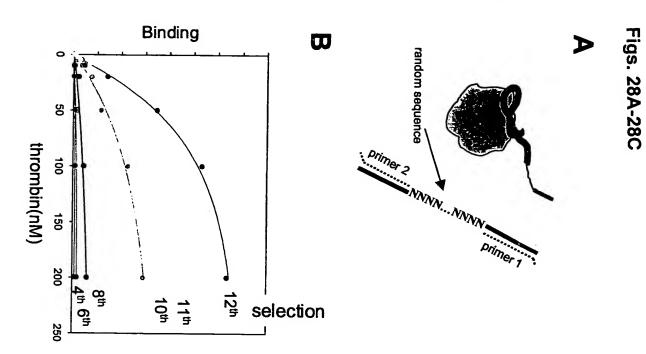












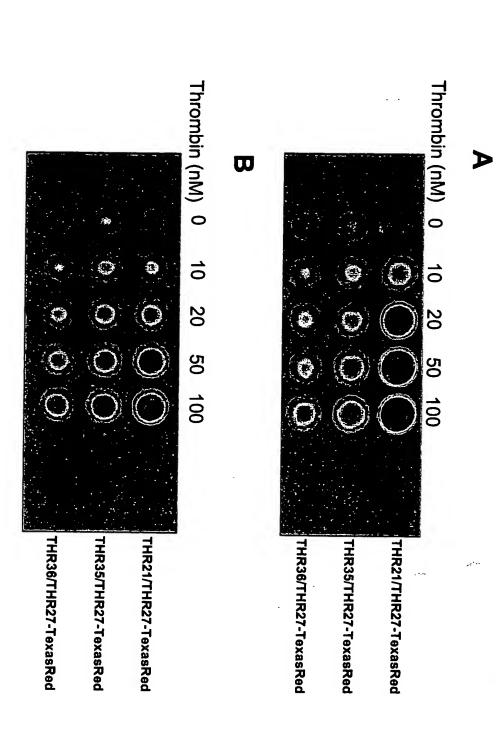
GGCGGT NTGGGCNTNGGGTNNTGGG AGGTTGGT GGCGGTNTGGT ATGGGTNTGGGTNTGGGTNTGGGTNTGGGTNTGGTNT	onel one2 one3 one3 rule	clore
IN AGGITTAGE IN		10.0 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
AGGITT		ATGGGTATAGGTATAGGTATAGGTATAGGTAATGAATAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTAGTAATTATT
	on Acticacing	CTANTIGGE - A CETANTIGGE - A CETANTIGGE - A CETATIGGET A AGGOTGGET A AGGOTGGGT A AGGOTGGGGT A AGGOTGGGT A AGGOTGGGGT A AGGOTGGGT A AGGOTGGGGT A AGGOTG A AGGT A AGGOTG
	5;;;;;;	
ANAGCAGTAGG ANAGCAGTAGG ANAGCAGTAGG ANAGCAGTAGG		(0.0.0.0.0.1 (0.2.2.2.2.1 (0.2.2.2.2.1) (0.0.0.0.0.1)

Figs. 29A-29B

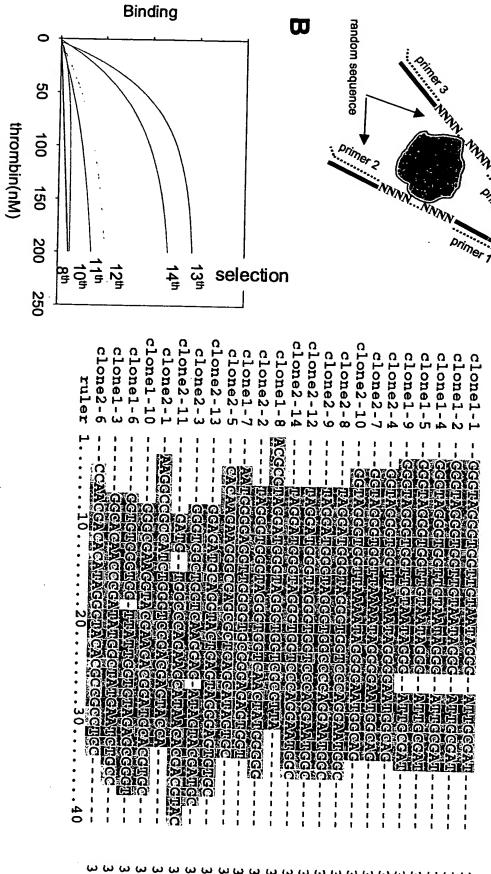
5'fluoresceinagatgcgxxxxx <u>ag gtt</u> ggg ggt act agg tat caa tgg gta ggg tgg tgt <u>aacgc</u>

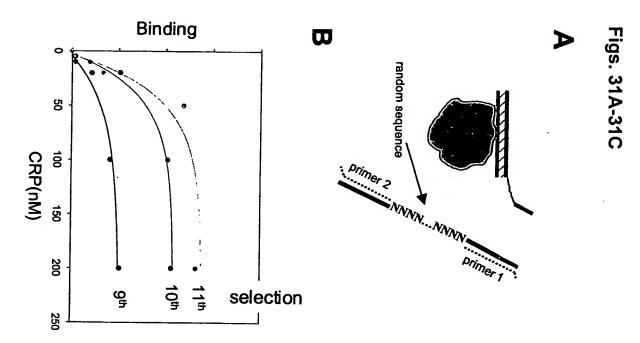
clones 20,21,24,26

5'fluorescein AGATGCGXXXXX<u>A GTG AAG GTT</u> GGG GGT ACT AGG TAT CAA TGG GTA GGG TGG TGT <u>AAC GCC ATA T</u> THR36 **THR35**



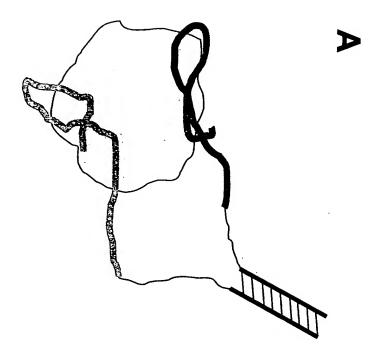


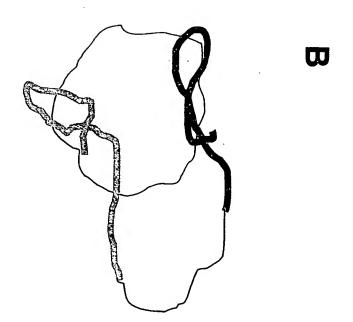




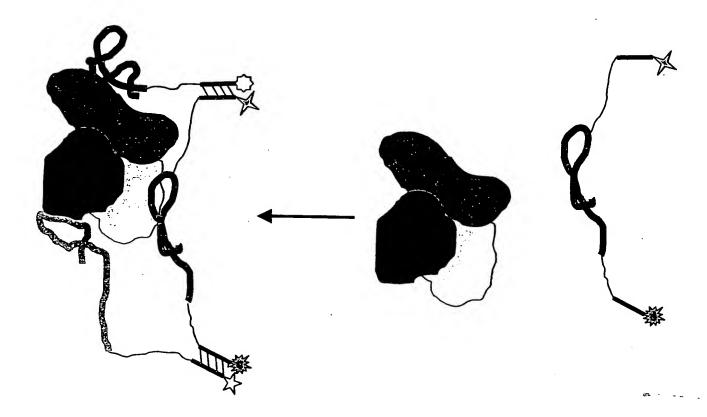
clonel8 clone12 clone19 clone11 ruler	clone17 clone20 clone20 clone15 clone16 clone13 clone6 clone6 clone6 clone2 clone2 clone2 clone2 clone2 clone2	0 10
+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		AATCAAGGGC
	- NGGCANGCONTON CONTRACTOR CONTRA	спастетть сластетть
TOGACANACI TOGGGGCANACI BUNGCTACITO	TANGE CANGE	AAAGGCATGA
AGTCAATA AGGAAGA CAGCCATGI ACCAAGGGT 30	THE CANAGE OF TH	GACTAGAAT AACTAGAAT ACCTAGAGT
GGGACACA GTGGGTAC GACGTGGTAC GACGTGGTGTGGT		GCGCATGG-
TAGEG-		TACTTQ

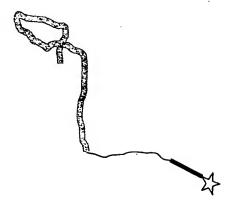
Figs. 32A-32B











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